TENDER FORM FOR THE PURCHASE OF EQUIPMENTS FOR PHYSIOTHERAPY DEPARTMENT PUMHSW
DURING THE FINANCIAL YEAR 2014-15

S.No.	Item Description	Qty	Make / Model	Estimated Price for Pak Rs. / Unit	Estimated Price CNF Eq. Pak Rs. / Unit	Total Rs.	Rs. In Words
1	**Combination Therapy (Upgradable)** **(Electrotherapy and Ultrasound) + EMG** More than 25 clinical waveforms • 2 independent electrotherapy channels • High resolution color display of all screens • Over 200 Clinical Protocols • Over 100 User-defined protocol slots • Over 10 Quick-link Indications for quick parameter retrieval • Impressive clinical library which includes full color graphic anatomical and pathological libraries on vibrant LCD screen • Constant current/constant voltage modes • Surface EMG and EMG plus stim • Documentation of treatment outcomes with Patient Data Cards. • Sequencing to direct a designated therapeutic course without having to modify the unit • 1 & 3 Mhz ultrasound frequencies • Pulsed & Continuous Modes (10%, 20%, 50% & 100%) • Variable duty cycles (16 Hz, 48 Hz & 100 Hz) • Newly redesigned ultrasound heads for improved ERA during treatment • BNR <6:1 • Ergonomically designed sound heads in 1 cm^2, $2cm^2$, 5 cm^2 & 10^2 cm sizes • Sound head coupling features with both visual & audio feedback • Head warming option on sound heads for patient comfort **(Continued on next page)**	1					

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1	**Standard Accessories** sEMG and sEMG + Electrical Stimulation Module Patient Data Card (1x), 5 cm² Applicator, Nylatex Wrap, 6 x 8 cm carbon electrodes (4x), 6 x 8 cm sponges (4x), Dura-Stick Plus 7 cm round electrodes (4x) Intravaginal Probe, Ultrasound Gel, User manual on CD Technical Specifications Mains Power: 100-240 VAC, 50-60 Hz Weight: 3.2 kg Dimensions*: 33 x 24 x 29 cm Electrical Safety Class: Class I, Electrotherapy Type BF, Ultrasound Type B Safety Tests: IEC 60601-1, IEC 60601-1-2, IEC 60601-2-5, IEC 60601-2-10 USA/UK/Germany 0r Equivalent						

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2	**COMBINATION Unit (Non-upgradable)** • 1 and 3 MHz ultrasound frequencies • Pulsed and continuous ultrasound therapy operation (10%, 20%, 50% & 100%) • Variable duty cycle outputs of 16 Hz, 48 Hz, or 100 Hz for ultrasound • Multiple waveforms on board: (2 Pole IFC, 4 Pole IFC, Galvanic, High • Voltage Pulsed Current (HVPC), Microcurrent, Russian, Träbert, • Monophasic Triangular, Monophasic Rectangular, Diadynamic, VMS and TENS) • Clinical Indications on board, providing the most appropriate parameter set for a variety of conditions • 15 user-defined memory positions • Lightweight design, along with battery- powered option and custom designed mobile carrying bag, make transport easy • Innovative design allows for cart, table top, wall or mobile use • Ergonomically designed sound heads available in a variety of sizes (1 cm², 2 cm², 5 cm², and 10 cm²) • All sound heads are interchangeable due to Electronic Signature™ residing on all applicators • Head warming feature and head contact control with visual and auditory feedback on all sound heads Standard Accessories 5 cm² Applicator, Ultrasound Gel, Nylatex Wrap, 6 x 8 cm carbon electrodes (4x), 6 x 8 cm sponges (4x), User Manual on CD Technical Information Mains Power: 120-240 VAC,50-60 Hz Weight: 2.5 kg Dimensions: (L x W x H)33 x 29 x 25.7 cm Electrical Safety Class: Class 1, Type B Safety Tests: IEC 60601-1, IEC 60601-1-2, IEC 60601-2-5 USA/UK/Germany 0r Equivalent	2					

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3	**ELECTROTHERAPY UNIT (Non-upgradable)** • 2 channels of stimulation output • Independent intensity and parameter controls for each channel • Multiple waveforms on board: (2 Pole IFC, 4 Pole IFC, Galvanic, High Voltage Pulsed Current (HVPC), Microcurrent, Russian, Träbert, Monophasic Triangular, Monophasic Rectangular, Diadynamic, VMS and TENS) • 15 user-defined memory positions • Lightweight design, along with battery-powered option and custom designed mobile carrying bag, make transport easy • Innovative design allows for cart, table top, wall or mobile use • Backlit LCD display for better visibility in low light settings • Improved pq button for easier navigation Standard Accessories Nylatex Wrap, 6 x 8 cm carbon electrodes (4x), 6 x 8 cm sponges (4x), User Manual on CD TECHNICAL SPECIFICATIONS Mains Power: 120-240 VAC, 50-60 Hz Weight: 2.3 kg Dimensions*: 33 x 29 x 16.3 cm Electrical Safety Class: Class 1, Type BF Safety Tests: IEC 60601-1, IEC 60601-1-2, IEC 60601-2-10 USA/UK/Germany 0r Equivalent	2					

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4	**Shortwave** Intelect Shortwave 100 provides both thermal and athermal effects through qualitative dosimetry selection (I-IV). The output power will meet the requirements for the vast majority of diathermy clinical applications. • Treatment setup via Thermal Dosimetry, Quick-link Indications or Clinical Protocol • 200 User-defined protocol storage slots • Over 90 Clinical Protocol on board • Clinical Resources include: • Full color graphics library of anatomical images and pathologies • Over 140 applicator placement images • Diathermy rationale • Diathermy contraindications • Power generation via a high efficiency, microprocessor controlled, solid state amplifier • Fully adjustable pulse rate and pulse width • Selectable continuous and pulsed power modes • 100W in continuous mode • 200 W in pulsed mode • Average power of 64 Watt in pulsed mode (max) • Patient Documentation of treatment sessions, pre and post treatment patient pain scales, pain mapping and pain types all captured on Patient Data Cards • Full color LCD touch-screen interface • Multilingual software • Adjustable treatment timer • Automatic resonance tuning • 360° Swivel rotation of interface • Robust, multi-jointed, pivoting electrode arms • Patient safety switch **Standard Accessories** 120 mm capacitive electrodes (2x), Connection cable (2x), Indicator discharge tube, User Manual on CD, Electrode arm left (1x), Electrode arm right (1x) **USA/UK/Germany 0r Equivalent**	1					

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5	**HYDROCOLLATOR MOBILE HEATING UNIT** • High-quality stainless steel • Thermostatically controlled temperature • 3” (8 cm) swivel-type rubber casters for silent, friction-free movement • Easy maintenance. simple to fill and drain. No plumbing required TECHNICAL SPECIFICATIONS Tank Capacity 30-52 L Temperature Range (71° - 74°C) Thermal Cut-Out Temp. (82° - 85°C) Temperature Accuracy +/- 10% Heat up Time to to 70°C 6 Hours Cool Down Time from 70°C 3 Hours Fiberglass Insulation Yes Mains Power: 110~120 V, 50/60 Hz Power Consumption: 1000 W Weight : 48 lb (22 kg) /Shipping - 93 lb (42 kg) Dimensions*: 27” x 16” x 33” (69 x 41 x 84 cm) Electrical Safety Class: Class 1, Type B Safety Tests: Conforms to UL 60601-1, certified to Can/CSA C222 No. 601. Standard Accessories 1006 12 Standard HotPacs Manual **USA/UK/Germany 0r Equivalent**	1					

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6	**COLDPAC CHILLING UNIT** **L**arge capacity and fast chilling time means your patients, will never have to wait for a ColPac. The ColPac Chilling Units help you keep pace throughout a busy day. No plumbing required, simply plug into a standard electrical outlet. • Closed-cell foam insulation for efficiency • Stainless steel, welded construction for long life • Heavy-duty compressor for more efficient cooling • Specially designed interior chilling coils cool packs faster • 3-inch (8 cm) swivel-type rubber casters for silent, friction-free movement of mobile units • Drain valve for easy cleaning and defrosting Standard Accessories 4010 Side Table Rack 4230 Extra Shelf for Side Table Rack (not shown) 1500 6 Standard 1506 6 Half Size ColPacs TECHNICAL SPECIFICATIONS Mains Power: 115 VAC~ 60 Hz Current: 4A Weight: 165 lb (74 kg) Shipping Weight - 190 lb (86 kg) Dimensions*: 27” x 16” x 33” (69 x 41 x 84 cm) Electrical Safety Class: Type B Safety Tests: UL 544 (U.S. Only) USA/UK/Germany 0r Equivalent	1					

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7	**HOTPACS (USA/UK/Germany 0r Equivalent)**						
	HotPac 10″ x 18″ (25 cm x 46 cm)	3					
	Oversize 15″ x 24″ (38 cm x 61 cm)	2					
	Neck Contour 24″ long (61 cm)	4					
	Knee-Shoulder 10″ x 20″ (25 cm x 50 cm)	4					
8	**COLDPACS** **Blue Vinyl ColPac (USA/UK/Germany 0r Equivalent)**						
	Oversize 11″ x 21″ (28 cm x 53 cm)	5					
	Neck Contour 23″ long (58 cm)	5					
	ColPac 3″ x 11″ (8 cm x 28 cm)	12					

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9	**TENS Digital** **Standard Accessories** 1. Set of lead wires 2. Package of DURASTICK II self-adhesive electrodes 3. 9 V Battery 4. Operations manual and convenient carrying case. **Technical Specification** Channel: Dual, isolated Waveform: Asymmetric biphasic square pulse Pulse Amplitude: 0-80 mA each channel adjustable (500 ohm load) Pulse Width: 60-250µ sec. adjustable Pulse Frequency: 2-150 Hz adjustable Dimensions: 30 x 62 x 91 mm Weight: 126 g USA/UK/Germany 0r Equivalent	8					

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10	**TRACTION UNIT** • Static, intermittent, and cycling traction • Independent timers allow easy customization of traction pulls in progressive, regressive, and traction phases • Variable speed motor (30%, 50% and 100%) • Pretension step eases the patient into traction to prevent muscle guarding and pretest patient's tolerance to traction force • Clinical Protocols™ provided for both cervical and lumbar conditions • Full color graphic library complete with visual tutorial of belting techniques, anatomical images andcommon pathologies • Digital high resolution color touch screen that pivots 270° • 80 User defined protocol slots • Easily store treatment parameters, pain scales, and pain maps on Patient Data Cards • Upgrade with the optional EMG module **Standard Accessories** Patient Interrupt Switch Patient Data Cards (1x) User Manual on CD Saunder Cervical traction USA/UK/Germany 0r Equivalent	1					

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11	**Traction Table** Optional Accessories 66898 Foot Switch 86016 Retractable Casters USA/UK/Germany 0r Equivalent	1					

1	TILT TABLE (USA/UK/Germany 0r Equivalent)	1					

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2	SHOULDER WHEEL (USA/UK/Germany 0r Equivalent)	1					
3	WIEGHT CUFF SET (USA/UK/Germany 0r Equivalent)	1					
4	DUMBELL SET WITH CART (USA/UK/Germany 0r Equivalent)	6 Pairs					
5	BP APPRATUS (USA/UK/Germany 0r Equivalent)	2					
6	WEIGHT MACHINE (USA/UK/Germany 0r Equivalent)	1					
7	HEIGHT MEASURING SCALE (USA/UK/Germany 0r Equivalent)	10					
8	CHILD TILT TABLE (USA/UK/Germany 0r Equivalent)	1					
9	THERAPY WEDGES DIFFERENT SIZE (USA/UK/Germany 0r Equivalent)	6					
10	THERAPY MATS (USA/UK/Germany 0r Equivalent)	4					
11	BALANCING TRAINING BROAD (USA/UK/Germany 0r Equivalent)	1					
12	GYME BALL (SIZE 65) (USA/UK/Germany 0r Equivalent)	2					
13	GYME BALL (SIZE 75) (USA/UK/Germany 0r Equivalent)	2					
14	GYME BALL (SIZE 85) (USA/UK/Germany 0r Equivalent)	2					
15	GYME BALL (SIZE 100) (USA/UK/Germany 0r Equivalent)	2					
16	ULTRASONIC GEL (USA/UK/Germany 0r Equivalent)	2					

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17	COUCHES (USA/UK/Germany 0r Equivalent)	12					
18	STRETCHERS WITH WHEELS (USA/UK/Germany 0r Equivalent)	2					
19	WHEEL CHAIR (USA/UK/Germany 0r Equivalent)	4					
20	AIR TRACTION (USA/UK/Germany 0r Equivalent)	2					
21	TROLLIES (USA/UK/Germany 0r Equivalent)	10					
22	CYCLE (USA/UK/Germany 0r Equivalent)	1					
23	ROWING MACHINE (USA/UK/Germany 0r Equivalent)	1					
24	CHEST PRESS (USA/UK/Germany 0r Equivalent)	1					
25	TRICEPS DIPS (USA/UK/Germany 0r Equivalent)	1					
26	HOME GYME MULTI GYME 06 UNIT (USA/UK/Germany 0r Equivalent)	2					
27	TREADMILLS (USA/UK/Germany 0r Equivalent)	1					
28	EXERCISE BIKE (USA/UK/Germany 0r Equivalent)	1					
29	FREE WEIGHTS (4PAIRS) DIFFERENT WEIGHT (USA/UK/Germany 0r Equivalent)	1					
30	COOLER & TUBE ASSEMBLY (USA/UK/Germany 0r Equivalent)	1					
31	MEDIUM KNEE CUFF ONLY (USA/UK/Germany 0r Equivalent)	1					

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32	BACK/HIP/RIB CUFF ONLY (USA/UK/Germany 0r Equivalent)	1					
33	HAND/WRIST CUFF ONLY (USA/UK/Germany 0r Equivalent)	1					
34	SHOULDER CUFF ONLY W/XL STRAP (USA/UK/Germany 0r Equivalent)	1					
35	ANKLE BRACE, SMALL, LEFT (USA/UK/Germany 0r Equivalent)	1					
36	ANKLE BRACE, MEDIUM, RIGHT (USA/UK/Germany 0r Equivalent)	1					
37	AIRSPORT BRACE, SMALL, LEFT (USA/UK/Germany 0r Equivalent)	1					
38	AIRSPORT BRACE, MEDIUM, RIGHT (USA/UK/Germany 0r Equivalent)	1					
39	INFRAPATELLAR BAND, BLACK (USA/UK/Germany 0r Equivalent)	1					
40	PNEUMATIC WALKER, X-LARGE (USA/UK/Germany 0r Equivalent)	1					
41	MAYO CLINIC ELBOW BRACE,RIGHT (USA/UK/Germany 0r Equivalent)	1					
42	OCCUPATIONAL THERAPY TABLE (USA/UK/Germany 0r Equivalent)	1					
43	SHOULDER ABDUCTION LADDER (USA/UK/Germany 0r Equivalent)	1					
44	WRIST CIRCUM DUCTOR (USA/UK/Germany 0r Equivalent)	1					
45	POSTURE MIRROR (USA/UK/Germany 0r Equivalent)	1					
46	STAIRS (USA/UK/Germany 0r Equivalent)	1					

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47	CLIMBING STOOL (USA/UK/Germany 0r Equivalent)	1					
48	PARALLEL BAR (USA/UK/Germany 0r Equivalent)	1					
49	CP CHAIR (USA/UK/Germany 0r Equivalent)	1					
50	STANDING FRAM (USA/UK/Germany 0r Equivalent)	1					
51	ROLLERS (USA/UK/Germany 0r Equivalent)	1					

CHAIRMAN
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